

Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A compression sleeve at least a portion of which is made of a first and a second sheet of a flexible fluid-impervious material, each having distal and proximal end edges and two lateral edges extending therebetween;

the sheets being sealingly ~~connected one~~ fixed to ~~the~~ each other by a plurality of longitudinal connection lines directed transversely to said lateral edges and by lateral connection lines extending along said lateral edges,

thereby forming a plurality of longitudinal pressure cells each defined between a pair of connection lines, and the pair of connecting lines defining first and second strip regions ~~of~~ on the respective first and second sheets,

a width of the second strip region between said pair of connection lines, at least in the majority of the cells, being greater than that of the first strip region,

to form pleats along the longitudinal connection lines, which are kept in their pleated states by said lateral connection lines, the first or second strip region of each

pressure cell having a fluid opening to enable direct inflation of the cell,

said pressure cells, when inflated to exert pressure on a body, having said second strip region of one cell overlapping the second strip region of an immediately adjacent neighboring cell.

Claims 2-3. (Canceled)

4. (Currently Amended) A compression sleeve according to Claim 1, wherein the width of material of the second strip ~~portion~~ region is greater than the width of material of the first strip ~~portion~~ region to about 50% of the width of the first strip region.

5. (Previously Presented) A compression sleeve according to claim 1, wherein each pleat, when deflated, overlaps the second strip regions of an immediately adjacent neighboring cell to 25% to 35% of the width thereof.

6. (Previously Presented) A compression sleeve according to Claim 1, wherein the pleats are oriented in the direction towards the proximal end edge of the sheets.

7. (Original) A compression sleeve according to Claim 1, wherein the sleeve further comprises a third sheet of

flexible material connected to the first and second sheets along the distal, proximal and lateral edges of these sheets.

8. (Currently Amended) A compression sleeve according to Claim 1, wherein said sleeve further comprising a third sheet for keeping the second sheet regions in their pleated state both when the cells are inflated and deflated, said third sheet constitutes an~~[[7]]~~ inner layer of the sleeve, said first sheet constitutes an outer layer of the sleeve and said second sheet constitutes an intermediate layer of the sleeve.

9. (Original) A compression sleeve according to Claim 1, comprised of at least two sleeve portions having said pressure cells, that are separated by a non-pressure portion,

10. (Original) A compression sleeve according to Claim 1, adapted to be wrapped around a part of a patient's body or a limb thereof.

11. (New) A compression sleeve at least a portion of which is made of a first and a second sheet of a flexible fluid-impervious material, each having distal and proximal end edges and two lateral edges extending therebetween;

the sheets being sealingly fixed to each other by a plurality of longitudinal connection lines directed

transversely to said lateral edges and by lateral connection lines extending along said lateral edges,

thereby forming a plurality of longitudinal pressure cells each defined between a pair of connection lines, ~~which~~ define the pair of connection lines defining first and second strip regions on the respective first and second sheets,

a width of the second strip region between said pair of connection lines, at least in the majority of the cells, being greater than that of the first strip region,

to form pleats along the longitudinal connection lines, which are kept in their pleated states by said lateral connection lines, the first or second strip region of each pressure cell having a fluid opening to enable direct inflation of the cell,

said pressure cells, when inflated to exert pressure on a body, having said second strip region of one cell overlapping the second strip region of an immediately adjacent neighboring cell,

said sleeve further comprising a third sheet for keeping the second strip regions in their pleated state when the cells are inflated and deflated.

12. (New) A compression sleeve according to claim 11, wherein said second strip regions of at least the majority of said cells are free of any connection to said third sheet.

13. (New) A compression sleeve according to claim 12, wherein said sleeve further comprising a third sheet for keeping the second sheet regions in their pleated state both when the cells are inflated and deflated, said third sheet constitutes an inner layer of the sleeve, said first sheet constitutes an outer layer of the sleeve and said second sheet constitutes an intermediate layer of the sleeve.